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From: Commander, Western Division, Naval Facilities Engineering Command
To: Distribution

Subj: INSTALLATION RESTORATION PROGRAM TECHNICAL REVIEW
COMMITTEE MEETING, NAVAL AIR STATION, ALAMEDA

Encl: (1) Technical Review Committee Meeting Minutes

1. Enclosure (1) is the Technical Review Committee (TRC) Meeting Minutes held on June 2, 1993 for the Remedial Investigation/Feasibility Study at Naval Air Station (NAS), Alameda.
2. The next TRC meeting is tentatively scheduled for 9:00 a.m., on October 6, 1993, at the Department of Toxic Substances Control, Region 2 offices in Berkeley. NAS Alameda will prepare and distribute an agenda for the next meeting.
3. For further information regarding this matter, please contact either Mr. Gary J. Munekawa, Code T4E2GM, (415) 244-2524 or Mr. George Kikugawa, Code T4E2GK, (415) 244-2559.

Original signed by:

MARCELO G. PASCUA, JR.
By direction

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NAS Alameda (Attn: Lt. Mike Petouhoff)
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PRC Environmental Management, Inc. (Attn: Duane Balch)
PRC Environmental Management, Inc. (Attn: Terry Ruiter)
Montgomery Watson (Attn: Ken Leung)
Kinnetic Laboratories, Inc. (Attn: Joe O' Connor)

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**TECHNICAL REVIEW COMMITTEE MEETING MINUTES
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
NAVAL AIR STATION, ALAMEDA
(Held at the Berkeley office of the DTSC)**

June 2, 1993

Attendees:

<u>NAME</u>	<u>ORGANIZATION</u>	<u>PHONE</u>
Dennis Jennings	Alameda City Fire Department	(510) 748-4603
Edgar Howell	Alameda County	(510) 271-4320
Robert Sakai	Alameda County Economic Develop. Prog.	(510) 272-3881
Scott Lutz	Bay Area Air Quality Mgmt. District	(415) 749-4676
Nicholas Salcedo	Bay Conserv. and Develop. Commission	(415) 577-3688
Chein Kao	Dept. Toxic Substances Control (DTSC)	(510) 540-3822
Tom Lanphar	DTSC	(510) 540-3809
Joseph Chou	DTSC	(510) 540-3775
Jim Polisini	DTSC	(916) 255-2043
Robert Newman	East Bay Municipal Utility District	(510) 287-1641
Joe O'Connor	Kinnetic Laboratories, Inc.	(408) 426-3900
Kenneth Leung	Montgomery Watson	(510) 975-3460
Mike Petouhoff	Naval Air Station (NAS) Alameda	(510) 263-3726
Sherri Withrow	NAS Alameda	(510) 263-3724
Amelia Duque	NAS Alameda	(510) 263-3715
Rudy Pontemayor	Naval Aviation Depot, NAS Alameda	(510) 263-6120
Roger Caswell	NADEP, NAS Alameda	(510) 263-6241
Duane Balch	PRC Environmental Management, Inc.	(916) 852-8300
Terry Ruiter	PRC EMI	(303) 295-1101
James Nusrala	Regional Water Quality Control Board	(510) 286-1287
Gary Munekawa	U.S. Navy, Western Div. (WESTDIV)	(415) 244-2524
George Kikugawa	WESTDIV	(415) 244-2559
Kent Udell	U.C. Berkeley	(510) 642-2928
Cyndy Okano	U.C. Berkeley	(415) 567-6734

AGENDA ITEMS:

1. STATUS REPORT -- REMEDIAL INVESTIGATION

Phase 2A

- A. The Navy indicated that it is nearing completion of contracting activities started in March to generate a field sampling plan (FSP) for follow-on investigative work required to address data gaps remaining after the initial field work performed by Canonie in 1990. The Navy expects to start work on the follow-on FSP in late June.

Phases 2B and 3

- A. On April 2, 1993, the Navy submitted for agency review the draft final FSP for follow-on field work at the Phases 2B and 3 sites. The document is currently being reviewed by the DTSC and RWQCB and their comments are expected within the week.
- B. The Navy issued a statement of work to its contractor, PRC for completing field work activities at the Site 5 plating shop in Building 5. Upon completion of this work, the Navy will incorporate the results of the analytical work and finalize the Modification No. 01 (Mod 1) data summary report (DSR) which originally summarized this activity (the draft final Mod 1 DSR was issued in August 1992). The Navy expects to award the contract to finish the field work in early July.

Phases 5 and 6 (the "Landfill" sites)

- A. On April 2, 1993, the Navy submitted for agency review the draft final FSPs for the follow-on field work for the Phases 5 and 6 sites (the landfill sites), and for revision of the Canonic RI/FS work plan documents. The Phases 5 and 6 FSP document is currently being reviewed by the DTSC and RWQCB and their comments are expected within the week. The RI/FS work plan revision is currently being internally reviewed by the Navy, with submittal to the DTSC and RWQCB expected in August.
- B. On May 10, 1993, the Navy distributed the final Phases 5 and 6/SWAT report to the regulatory agencies.

2. PHASE 4 - ECOLOGICAL ASSESSMENT

- A. The Navy presented preliminary data concerning subtidal sediment background sampling results, NAS Alameda offshore sediment sampling results and wetlands sampling results. Tier I bioassay results indicate that additional Tier II bioassay work will be required due to the wide range of survival rates encountered.
- B. Mr. Joe O'Connor of Kinnetic Laboratories discussed the significance of the background data results on sediments from the reference station in San Pablo Bay and reference wetlands in the north Bay. Essentially, the background results show that the reference station sediments are toxic. He indicated that while a valid comparison of subtidal and wetlands sediments between NAS Alameda and the reference stations could be made, the comparison is not one made to a "clean" reference sediment, and that any conclusions drawn would require that there be a valid "control" test showing that the test organisms can survive well in non-contaminated conditions.

3. INTERIM REMOVAL ACTIONS - INTERMEDIATE MAINTENANCE FACILITY (IMF) AND BUILDING 397 SITES

- A. On April 2, 1993, the Navy completed and submitted for DTSC and RWQCB review the draft Intermediate Maintenance Facility (IMF) site interim removal action, disposal/treatment alternatives report. This document outlined the expected approach to removing up to 400 cubic yards of low pH and lead-laden soil at the IMF site, addressing general response actions, and identifying and screening excavated soil treatment technologies.
- B. The DTSC forwarded its comments on the draft IMF site interim removal action, disposal/treatment alternatives report in a letter to the Navy dated April 9, 1993. The DTSC concurred with the conclusions that Alternative No. 5, the soil excavation/recycling alternative, was preferable over the other alternatives presented.
- C. The Navy stated that it had initiated contracting activities for implementation of the preferred interim removal action (IRA) described in the draft Intermediate Maintenance Facility (IMF) site interim removal action, disposal/treatment alternatives report. The Navy expects to complete contracting activity in July and begin soil removal action in August.
- D. Lt. Mike Petouhoff briefly summarized the results of free product removal at monitoring well MW-IMF-01 at the IMF site by NAS Alameda/Navy Public Works Center since last March. Approximately nine gallons of a petroleum crude oil-like fluid had been removed between the end of March and end of May. Lt. Petouhoff also discussed the soil excavation performed last March removing old storm drain lines and soils affected by a release of jet fuel at Building 397.
- E. The Navy stated that it had, in conjunction with the DTSC and RWQCB, identified potential interim removal actions at Site 7A, the Naval Exchange fuel station, and at Site 15, the former transformer storage area. The Navy has begun contracting activities to address removal actions at these two sites.

4. INSTALLATION RESTORATION FACT SHEET NO. 4

- A. Sherri Withrow, NAS Alameda environmental office, handed out copies of the latest community relations program (CRP) fact sheet (#4) for the installation restoration program (IRP). This IRP fact sheet was recently distributed to those on the CRP mailing list. She also handed out a copy of an informal one-page program update issued last March summarizing the free product removal activities, the Building 397 soil excavation, and the upcoming IMF site soil excavation. This update was also distributed last March to those on the CRP mailing list.

5. OTHER

- A. The Navy indicated that it was currently preparing a draft outline of a federal facilities site remediation agreement (FFSRA) for review by the DTSC and RWQCB. As a bi-lateral agreement, it would serve as a common reference point and guide for directing the DTSC and the Navy towards a timely and appropriate completion of the RI/FS process. Timeframe for completion of the draft FFSRA for agency review is tentatively set for July or August.
- B. The next Technical Review Committee meeting is tentatively scheduled for 9:00 a.m., on Wednesday, October 6, 1993, at the DTSC office in Berkeley. Sherri Withrow (NAS Alameda) will prepare and distribute an agenda.